

## SEARCH REQUEST FORM

## Scientific and Technical Information Center

Searcher's Full Name: John A. Faye Examiner # 78244 Date: 2/27/03  
 Init: 1625 Phone Number 301 251 1153 Serial Number: 09 639 681  
 Box and Bldg/Room Location: 706-4A46 Results Format Preferred (circle): PAPER DISK E-MAIL

More than one search is submitted, please prioritize searches in order of need. MEJ

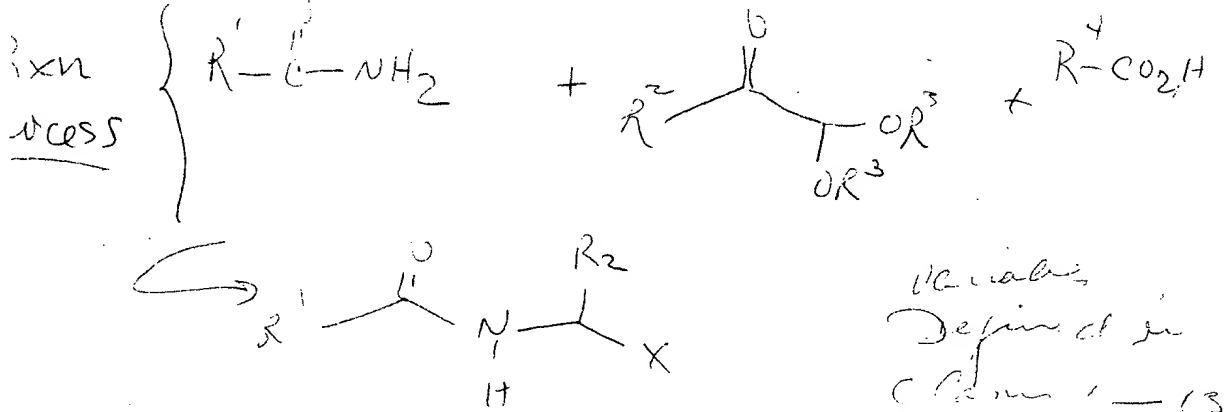
provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched.  
 the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or  
 of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if  
 1. Please attach a copy of the cover sheet, pertinent claims, and abstract.

of Invention: See Zips Copy

ators (please provide full names):

est Priority Filing Date:

Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the  
 priate serial number.



Please attach Divulsiaries describing

POINT OF CONTACT:  
 PAUL SCHULWITZ  
 TECHNICAL INFO. SPECIALIST  
 CM1 6B06 TEL (703) 295 4954

## AFF USE ONLY

## Type of Search

## Vendors and cost where applicable

|                                  |                         |                        |
|----------------------------------|-------------------------|------------------------|
| her: _____                       | NA Sequence (#) _____   | STN <u>902.30</u>      |
| her Phone #: _____               | AA Sequence (#) _____   | Dialog _____           |
| her Location: _____              | Structure (#) <u>34</u> | Questel/Orbit _____    |
| Searcher Picked Up: <u>2/28</u>  | Bibliographic _____     | Dr.Link _____          |
| Completed: <u>3/3</u>            | Litigation _____        | Lexis/Nexis _____      |
| er Prep & Review Time: <u>60</u> | Fulltext _____          | Sequence Systems _____ |
| al Prep Time: _____              | Patent Family _____     | WWW/Internet _____     |
| : Time: <u>72</u>                | Other _____             | Other (specify) _____  |

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*Chair*  
*14, 15*

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623HRR

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

|      |    |        |  |
|------|----|--------|--|
| NEWS | 1  |        | Web Page URLs for STN Seminar Schedule - N. America                          |
| NEWS | 2  | Apr 08 | "Ask CAS" for self-help around the clock                                     |
| NEWS | 3  | Apr 09 | BEILSTEIN: Reload and Implementation of a New Subject Area                   |
| NEWS | 4  | Apr 09 | ZDB will be removed from STN   |
| NEWS | 5  | Apr 19 | US Patent Applications available in IFICDB, IFIPAT, and IFIUDB               |
| NEWS | 6  | Apr 22 | Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS                |
| NEWS | 7  | Apr 22 | BIOSIS Gene Names now available in TOXCENTER                                 |
| NEWS | 8  | Apr 22 | Federal Research in Progress (FEDRIP) now available                          |
| NEWS | 9  | Jun 03 | New e-mail delivery for search results now available                         |
| NEWS | 10 | Jun 10 | MEDLINE Reload   |
| NEWS | 11 | Jun 10 | PCTFULL has been reloaded  |
| NEWS | 12 | Jul 02 | FOREGE no longer contains STANDARDS file segment                             |
| NEWS | 13 | Jul 22 | USAN to be reloaded July 28, 2002;<br>saved answer sets no longer valid      |
| NEWS | 14 | Jul 29 | Enhanced polymer searching in REGISTRY                                       |
| NEWS | 15 | Jul 30 | NETFIRST to be removed from STN  |
| NEWS | 16 | Aug 08 | CANCERLIT reload   |
| NEWS | 17 | Aug 08 | PHARMAMarketLetter(PHARMAML) - new on STN                                    |
| NEWS | 18 | Aug 08 | NTIS has been reloaded and enhanced  |
| NEWS | 19 | Aug 19 | Aquatic Toxicity Information Retrieval (AQUIRE)<br>now available on STN      |
| NEWS | 20 | Aug 19 | IFIPAT, IFICDB, and IFIUDB have been reloaded                                |
| NEWS | 21 | Aug 19 | The MEDLINE file segment of TOXCENTER has been reloaded                      |
| NEWS | 22 | Aug 26 | Sequence searching in REGISTRY enhanced                                      |
| NEWS | 23 | Sep 03 | JAPIO has been reloaded and enhanced   |
| NEWS | 24 | Sep 16 | Experimental properties added to the REGISTRY file                           |
| NEWS | 25 | Sep 16 | CA Section Thesaurus available in CAPLUS and CA                              |
| NEWS | 26 | Oct 01 | CASREACT Enriched with Reactions from 1907 to 1985                           |
| NEWS | 27 | Oct 21 | EVENTLINE has been reloaded  |
| NEWS | 28 | Oct 24 | BEILSTEIN adds new search fields   |
| NEWS | 29 | Oct 24 | Nutraceuticals International (NUTRACEUT) now available on STN                |
| NEWS | 30 | Oct 25 | MEDLINE SDI run of October 8, 2002   |
| NEWS | 31 | Nov 18 | DKILIT has been renamed APOLLIT  |
| NEWS | 32 | Nov 25 | More calculated properties added to REGISTRY                                 |
| NEWS | 33 | Dec 02 | TIBKAT will be removed from STN  |
| NEWS | 34 | Dec 04 | CSA files on STN   |
| NEWS | 35 | Dec 17 | PCTFULL now covers WP/PCT Applications from 1978 to date                     |
| NEWS | 36 | Dec 17 | TOXCENTER enhanced with additional content                                   |
| NEWS | 37 | Dec 17 | Adis Clinical Trials Insight now available on STN                            |
| NEWS | 38 | Dec 30 | ISMEC no longer available  |
| NEWS | 39 | Jan 13 | Indexing added to some pre-1967 records in CA/CAPLUS                         |
| NEWS | 40 | Jan 21 | NUTRACEUT offering one free connect hour in February 2003                    |
| NEWS | 41 | Jan 21 | PHARMAML offering one free connect hour in February 2003                     |
| NEWS | 42 | Jan 29 | Simultaneous left and right truncation added to COMPENDEX,<br>ENERGY, INSPEC |
| NEWS | 43 | Feb 13 | CANCERLIT is no longer being updated   |
| NEWS | 44 | Feb 24 | METADEX enhancements   |
| NEWS | 45 | Feb 24 | PCTGEN now available on STN  |
| NEWS | 46 | Feb 24 | TEMA now available on STN  |

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NEWS 47 Feb 26 NTIS now allows simultaneous left and right truncation  
NEWS 48 Feb 26 PCTFULL now contains images

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,  
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 18:07:11 ON 27 FEB 2003

=> file registry

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST  | 0.21             | 0.21          |

FILE 'REGISTRY' ENTERED AT 18:07:35 ON 27 FEB 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 26 FEB 2003 HIGHEST RN 495373-62-1

DICTIONARY FILE UPDATES: 26 FEB 2003 HIGHEST RN 495373-62-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading 09639681.str

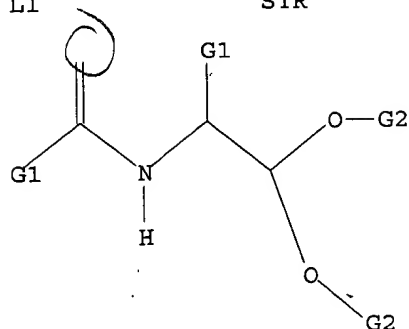
L1 STRUCTURE UPLOADED

=> d 11

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L1 HAS NO ANSWERS

L1 STR



G1 C, H, Me, CH2, Ph, Cb, Cy, Ak

G2 C, Me, CH2, CH, Et, n-Pr, i-Pr, n-Bu, i-Bu, s-Bu, t-Bu

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 18:08:14 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 14591 TO ITERATE

6.9% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

6 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 284595 TO 299045

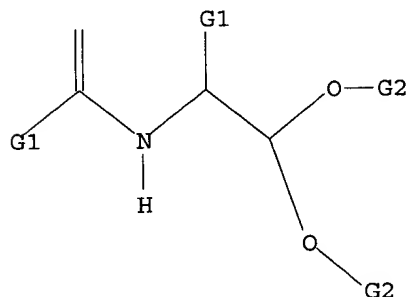
PROJECTED ANSWERS: 1189 TO 2311

L2 6 SEA SSS SAM L1

=> d 1-6 l1

L1 HAS NO ANSWERS

L1 STR



G1 C, H, Me, CH2, Ph, Cb, Cy, Ak

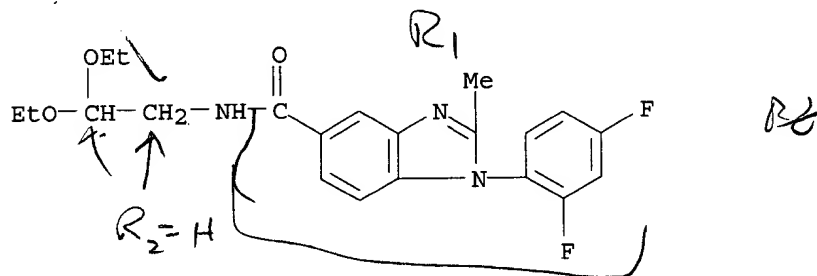
G2 C, Me, CH2, CH, Et, n-Pr, i-Pr, n-Bu, i-Bu, s-Bu, t-Bu

Structure attributes must be viewed using STN Express query preparation.

=> d 1-6 l2

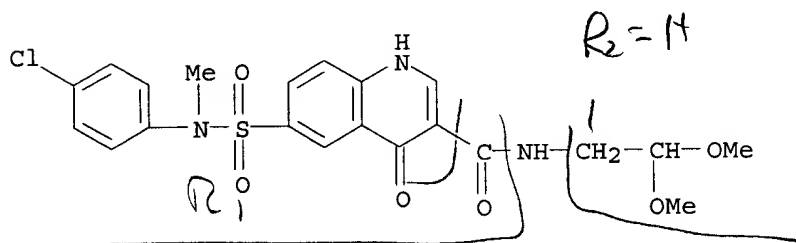
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L2 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2003 ACS  
RN 434316-65-1 REGISTRY  
CN 1H-Benzimidazole-5-carboxamide, N-(2,2-diethoxyethyl)-1-(2,4-difluorophenyl)-2-methyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C21 H23 F2 N3 O3  
SR Chemical Library  
LC STN Files: CHEMCATS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 ANSWER 2 OF 6 REGISTRY COPYRIGHT 2003 ACS  
RN 422559-21-5 REGISTRY  
CN 3-Quinolinecarboxamide, 6-[[[4-chlorophenyl)methylamino]sulfonyl]-N-(2,2-dimethoxyethyl)-1,4-dihydro-4-oxo- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C21 H22 Cl N3 O6 S  
SR Chemical Library  
LC STN Files: CHEMCATS

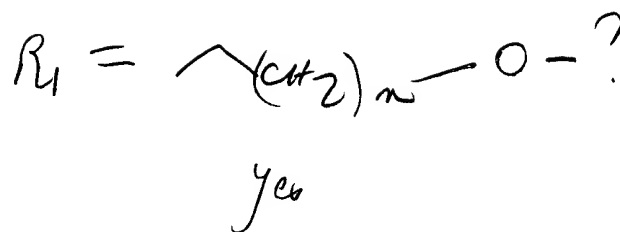
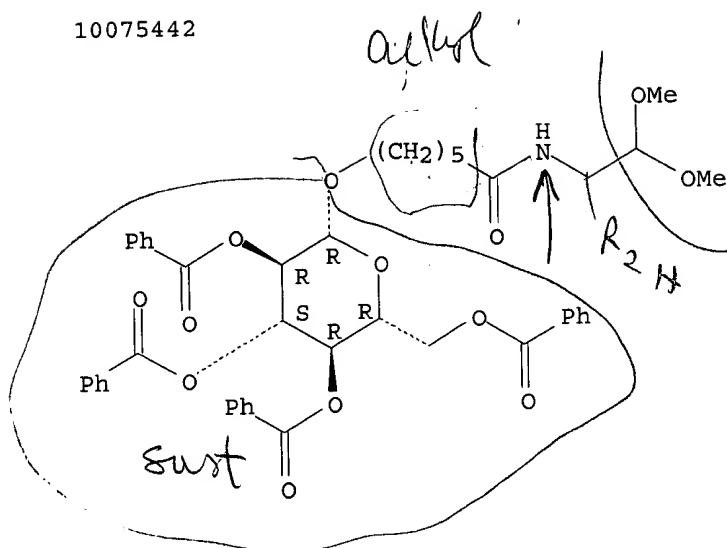


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2003 ACS  
RN 203861-81-8 REGISTRY  
CN Hexanamide, N-(2,2-dimethoxyethyl)-6-[(2,3,4,6-tetra-O-benzoyl-.beta.-D-glucopyranosyl)oxy]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C44 H47 N O13  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry. Rotation (+).

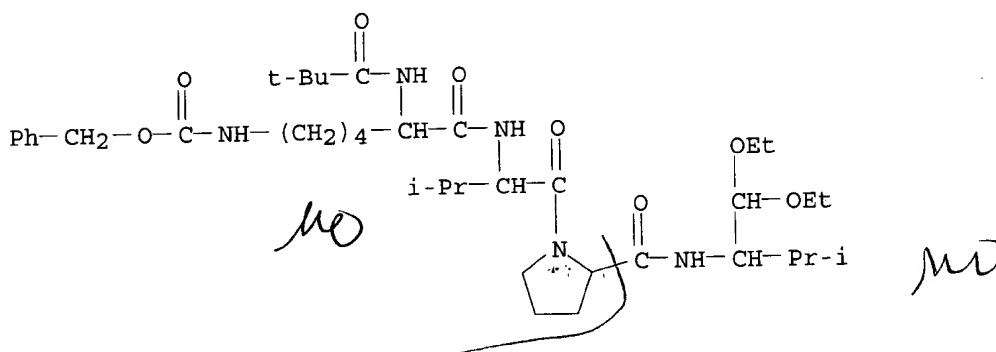
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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2003 ACS  
RN 95501-14-7 REGISTRY  
CN L-Prolinamide, N2-(2,2-dimethyl-1-oxopropyl)-N6-[(phenylmethoxy)carbonyl]-  
L-lysyl-L-valyl-N-[1-(diethoxymethyl)-2-methylpropyl]-, (S)- (9CI) (CA  
INDEX NAME)  
MF C38 H63 N5 O8  
LC STN Files: CA, CAPLUS, USPATFULL



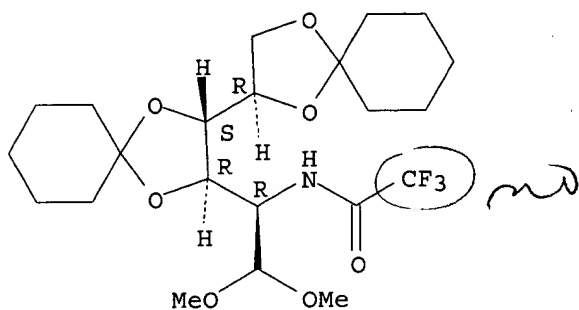
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2003 ACS  
RN 90405-94-0 REGISTRY  
CN D-Glucose, 3,4:5,6-di-O-cyclohexylidene-2-deoxy-2-[(trifluoroacetyl)amino]-  
, dimethyl acetal (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1,4-Dioxaspiro[4.5]decane, D-glucose deriv.  
FS STEREOSEARCH  
MF C22 H34 F3 N O7  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L2 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2003 ACS

RN 84218-94-0 REGISTRY

CN .beta.-D-xylo-Hexopyranosiduronic acid, 2-[(2,2-dimethoxyethyl)amino]-2-oxoethyl 4-deoxy-1-thio-, methyl ester (9CI) (CA INDEX NAME)

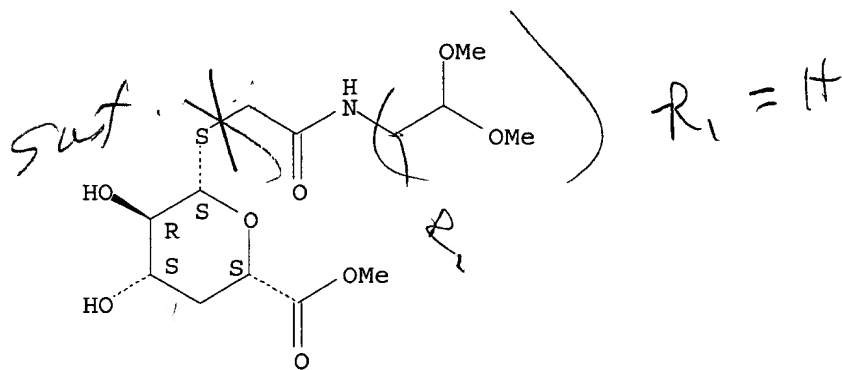
FS STEREOSEARCH

MF C13 H23 N O8 S

LC STN Files: BEILSTEIN\*, CA, CAPLUS

(\*File contains numerically searchable property data)

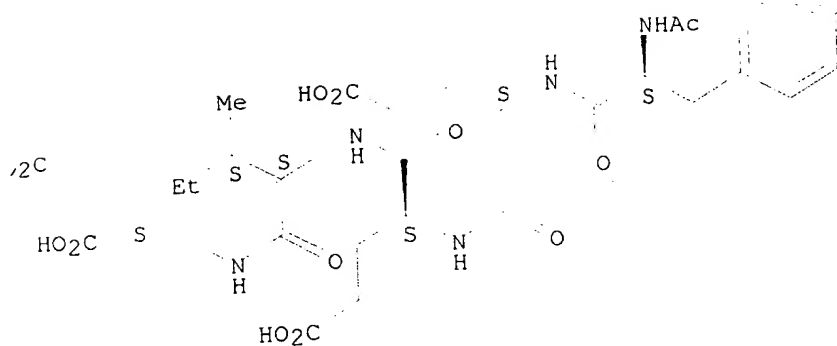
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)



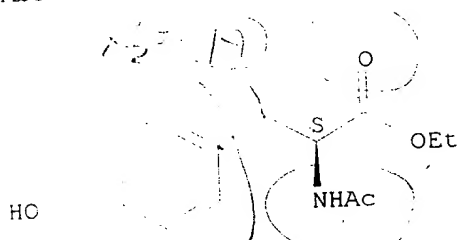
PAGE 1-B

OMe

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RN 182617-60-3 HCAPLUS  
 CN L-Phenylalanine, N-acetyl-4-(hydroxymethyl)-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L24 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1984:51141 HCAPLUS  
 DOCUMENT NUMBER: 100:51141  
 TITLE: New syntheses and reactions in the adamantane series  
 AUTHOR(S): Stetter, Hermann; Mayska, Paul; Wiessner, Ulrich  
 CORPORATE SOURCE: Inst. Org. Chem., Rhein.-Westf. Techn. Hochsch.  
 Aachen, Aachen, Fed. Rep. Ger.  
 SOURCE: Forschungsberichte des Landes Nordrhein-Westfalen  
 (1982), 3095, 128 pp.  
 CODEN: FLNWAR; ISSN: 0367-2492  
 DOCUMENT TYPE: Journal  
 LANGUAGE: German

Searched by Paul Schulwitz (703)305-1954

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